

BASIC SITE PREPARATION DATA

Spezifikation/Specification

017-0025298

Änderung Revision

			 7		
NCR 76/6	FLEXIBLE DICK BELORDED			Code	
14CN 7040	TELATOLL DISK NECONDEN				

Spez. Änderg. Spec. Revision		Beschreibung Description		and the second s	Gesehen Approval	Datum Date
	Für die Fertigung freigegeben Released for	Freigebende Fabrik Control Plant	Erstellt von Prepared by	Datum Date		
	Production	Code Ort 17 AUGSBURG	H. Böck	2-1-80		
А	17 ER 51048 NEW				Bock	2-25-80
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BASIC SITE PREPARATION DATA

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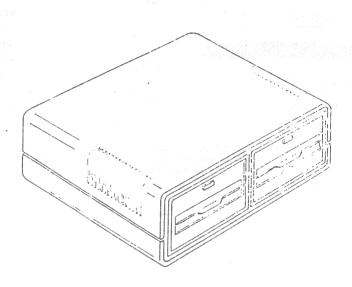
017-0025298 Page 1 of

s Number and Name

NCR 7646 Flexible Disk Recorder

DES	ĸĠŇĸĊŎŃĹĸŎĹĸĠſĸĸĸ	PREPARED BY	LAN VALLE DATE	REVISION .
Au	gsburg	H.Böck	2-1-80	A

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MODEL NUMBERS AND DESCRIPTION OF EACH

See Page 9a

7646 - 0101 - xx90 Single Drive Dual Density Flex Disk

7646 - 0201 - XX 90 Double Drive Dual Density Flex Disk

Note: If the above units are used in the I-8140 they are designated as drive 0 and 1 or 2 and 3 resp.

original 017-0025298

Page 2 of 9

1974	12	HYSIČAL DIM	ENSIONS	
Height	6.5	INCHES	165	
Width	19	INCHES	483	mm
Depth	19	INCHES	483	, mm

WEI	С НТ
Unit Max. Shipping Weight 59,5 LBS	2.7 kg
Unit Max. Installed Weight 51 LBS	23 (with 2 Drives) kg
Distributed Floor Loading not applicable BS/FT ²	not applicable kg/m²
Concentrated Floor Loading not applicable BS/IN ²	

A	Spiger AND THE STATE OF	LOORIN	IG(**)
	RAISED FLOOR PERMITTED?	not	applicable
	SOLID FLOOR PERMITTED?	not	applicable

HA	NDLĮNG 🖖 🖖	
Maximum Degree of Tip Allowed	☐ Casters Provided	Dolly Required
Upending Possible (90°) No	RIGGING REQUIREMENTS	☐ Platform
Upending Procedure Not required	□ Sling	☐ Spreader Bar
Upending Kit Required	☐ Hy-Lift	Other
Upending Kit Order No.	Can Installed Unit E Moved Easily By Or Person For Service?	

	FIÈLD ENG	NFERING SE	RVICE CLEARANCE	
Front	10	INCHES	254	mm
Rear	5	INCHES	127	mm
L. Side	2	INCHES	50,8	mm
R. Side	2	INCHES	50,8	mm
Тор	36	INCHES	914,4	mm

DOOR AND COVER CLEARANCE ILLUSTRATION (Includes service clearance and counter cutouts, where applicable.)

(2 in) 50,8 mm TOP VIEW 127 mm (5in) 254 mm (10 in) Front (2 in) 50,8 mm

ENVIRONMENTAL REQUIREMENTS

Ref: CES 2-11-01

(Entries are product design criteria)

Uriginal 017-0025298
Page 3 of 9

	(Check applie	PRODUCT	cify in "other")		MEDIA		
		X			Type Flexible Disk	Туре	Туре
WORKING RANGE	2	3	G 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	OTHER			
TEMP RANGE	15°C to 32°C (59°F to 90°F)	10°C to 35°C (50°F to 95°F)	5°C to 50°C (40°F to 120°F)		10°C to 50 (50°F to)°C 120°F)	
TEMP CHANGE Max Excursion During Period of	5 ⁰ C (9 ⁰ F) 60 Min.	10 ^o C (18 ^o F) 60 Min.	10 ^o C (18 ^o F) 60 Min.		10°C (18°	r)	
RELATIVE HUMIDITY RANGE	35 to 60%	20 to 80%	10 to 90%		20 to 80%		
HUMIDITY CHG. Max Excursion	10% 60 Min.	10% 60 Min.	10% 60 Min.		10% 60 Min.		
TEMP GRADIENT RESTRICTIONS	5°C (9°F)	10°C (18°F)	15°C (27°F)	•	10°C (18°	F)	

EXTREME POWER ON RANGE (PRODUCT)

Attempted operation should not cause damage to the unit. Operation may be impaired, media may be damaged, and protective devices may operate.

	CES 2-11-01 STD. Values 💆	OTHER
TEMP RANGE	8°C to 40°C (32°F to 104°F)	
TEMP CHANGE	10°C (18°F) Per Hour	
HUMIDITY RANGE	10% to 95% RH (No condensation)	

	TRANSIT RANGE				
	PRO	DUCT		MEDIA '	
*	CES 2-11-01 STD, Values &	OTHER		DESCRIPTION	Park Congress
TEMP RANGE	-40°C to 71°C (-40°F to 160°F)		-40 to 53° (-40 to 12	C 8°F)	
TEMP	20°C (36°F) Per Hour		20°C (36°I per Hour	7)	
HUMIDITY RANGE	5% to 100% RH		8% to 90%		

Notes:



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017-00 25 2 9 8 Page

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0	CES 2-11-01 STD. Values	Other	Туре	Type	Type 44
TEMPERATURE RANGE	-10°C to 50°C (14°F to 120°F)		4°C to 53 (39 to 128	° _F)	
TEMPERATURE CHANGE	15 ⁰ C (27 ⁰ F) Per Hr		15°C (27°) per Hour	')	er bortak hara e j
HUMIDITY RANGE	10% to 90% RH		8% to 80%	i Berline naprikasioning	

RANGE 109	% to 90% RH	8% to 80%		Service and the service of the servi
and the property of the second se		N RANGES - BAROMETRIC PRES	SSURE (Ref. CES	2-11-01) (1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
RANGE 1 (Product,	Including Media)	BAROMETRIC PRESSUR	E, /	EQUIV. ALTITUDE (Ref, ONLY)
OPERATIN	IG application	105kPa to 79.5kPa		Up to a maximum of 2000 metres (6560 feet)
TRANSIT		105kPa to 74.0kPa	a in aya wa i	Up to a maximum of 2500 metres (8200 feet)
MODIFICATION KIT IF YES, KIT NO.	AVAILABLE TO MEE	ET RANGE 27. YES	□ ио	
RANGE 2 (Product, I	Including Media,Withou		me ou	
OPERATING AND 1	TRANSIT	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・		EQUIV: ALTITUDE (Ref. ONLY) (1 in β) Up to a maximum of 3000 metres (9850 feet)
ACOŪ	STICAL NOISE (Ref. C	ES 240 02)	SITE A	AMBIENT PARTICLE COUNT ALLOWABLE
CAT. 1 — Idle: 7.0 be CAT. 2 — Idle and Op				
CTUAL/OTHER:			man en	
	6.8 bel		Not sp	pecified
7. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		OPERATIONAL VIBR	RATION LIMITS.	
	All Control (1997) (199	Not specified		
Property and the second second				
			Mathematical description in the maintain construction and page stages required to the construction of the	



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ELECTRICAL REQUIREMENTS

Original 017-0025298

Site Power Connections Three wire (phase, neutral & ground)

DESIGN VOLTAGES					
Nominal	Minimum	Maximum	Nominal	Minimum	Maximum
100	90	107	240	216	257
120	104	127			
127	114	136			
220	198	235		•	
230	207	246			

60 Hz NOMINAL (59.0 Hz MIN. - 60.6 Hz MAX.) DESIGN VOLTAGE Nominal Minimum Maximum 100 90 107 120 104 127

AC TRANSIENT LIMIT (Ref CES 2-11-02)

STD. Design Criteria: 50% Nominal — ½ cycle duration — once every 10 seconds

"MOMENTARY POWER OUTAGE

No Data Destroyed

STATIC DISCHARGE LIMITS (Ref. CES 2-11-10)

Meets requirements of CES 2-11-10

017-002529

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Meets requirements of CES 2-11-09

Meets requirements of CES 2-11-08

	MODEL		MODEL	MODEL	MODEL :	. MODI
	7646-0201	7646-0201				
POWER DATA	- 1090	_ 2390				
POWER DATA						
The second secon						
NAME PLATE RATINGS						
Voltage	220	120				
Frequency	50	60				
Current	0,5	1		CONTRACTOR SANCTOR		
Watts	65	90				
lax. Operating kva	0,066	0,115				
Max. Operating kw	0,052	0,088				
ower Factor (Lead or Lag)	.79 Lag	.77 Lag	la series			
Btu/Hr (w)	222	306				
(CAL/Hr (w)	56	77				
CURRENT (AVERAGE OPER)	0,3	0,9				
LEG 1		,				
LEG 2						
LEG 3						V. 10. 1
CURRENT (MAX. SURGE)	0.55	1,1				
LEG 1	18.33.41			And V		
LEG 2	Signal and the signal	geringerg van haar van de vergen hat, in die 1800 in 1900 de vergen de 1944 be				
LEG 3						
CURRENT (MAX. OPERATING)	0,45	0,95				
LEG 1						
LEG 2						
LEG 3						
UNIT CIRCUIT BREAKER	1,5	1,5				
LEG 1				•		
LEG 2						
LEG 3		0				

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Original 017-0025298 AC CABLE AND CONNECTOR REQUIREMENTS

A.	IS DEDICATED BRANCH	CIRCUIT REQUIRED?	☐ YES ☒ NO(F	ower from Host System
	IF YES, DEDICATED CIR FROM:	CUIT MUST BE PROVIDED	GEN. PURPOSE PANE	L DEDICATED PANEL
8.	IS INSULATED GROUND	ING WIRE REQUIRED?	YES NO NO Same GND as Ho	est System
		ABLE GROUNDING grounding wire must be isolated from ferenced only at above grd. points)	Building Service Ground P Cold Water Pipe	Other
c.	POWER CORD SUPPLIED	DOMESTIC	YES NO	
		7 0,75 VDE 8 0,82 UL LENGTI		metres.
D.	Site circuit breaker — if inst	alled, recommended rated capacity is:	<u> 2000 11 00 00 000 000 000 000 000 000 0</u>	
Ε.	SITE POWER CABLE Number of conductor Connector(s) required Size of conductors:	IZ YES NO IT"Y	ES", specify recommended type,	rating, etc. below.
		Describe AC select		
_		necessary for the	ng and connections unit and identify ation is recommended)	
	NOTE: Supply voltage may be either from parent machine or separate p ower source	LINE NEUTRAL EARTH SHIELD		NCR 7646 → B2 TB 10 → D2 → A3 → D4
		CABLE V DE UL/ CSA LINE BROWN BLACK NEUTRAL BLUE WITHE EARTH GRN /YEL GREEN or GRN /YEL		E10 E11 = = = = = = = = = = = = = = = = = =
	and a single section of the section	A STATE OF THE STA		NCR 7646 (optional second unit)
	in the second se	•		≺ B 2 TB 10
				-< D2 ·
				E11
				E 10

LOGIC & COMMUNICATION CABLE REQUIREMENTS

Origina 617-0025298

°age 8 of _9_

of Required Cables

- L1 Interconnection C3274 C7646 (Drive 0/1): 017-0025239
- L2 Interconnection C7646 (Drive 0/1) C7646 (Drive 2/3): 017-0025241

State Optional Cable Lengths, if available

None

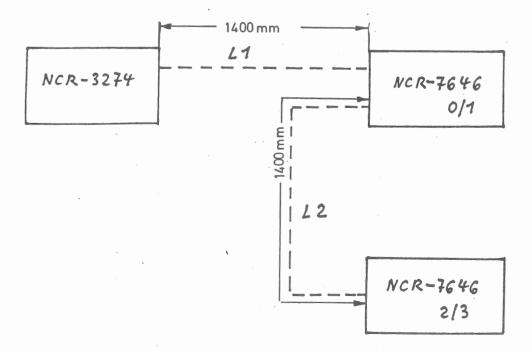
Cable Constraints

- a. Length restriction
- b. Routing requirements

Recommended Trunk Assignments

Not applicable

CABLE LENGTH AND ENTRANCE HOLES ILLUSTRATION

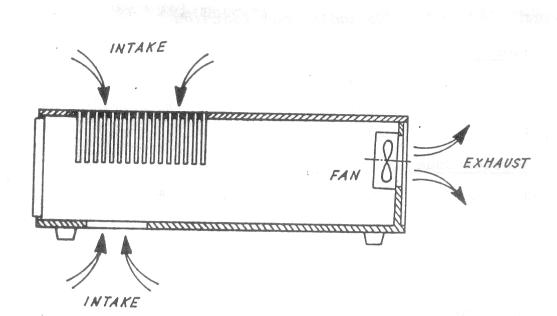


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Original 017 -0025298

9 of <u>9</u>

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All	RFLOW		TEMP. RISE (INLET TO	EXHAUST)
cfm/	0,014	m ³ s	°,F/	9 °c
cfm/		m ³ s	°F/	°c



Notes:

MODEL NUMBER DESCRIPTION

C-7646	F000
Major Model	
01	F001
02	F002
Sub-Model	
01	No additional features
Power Code	
10 -	F013
23	F011
44	F012
Language Code	
90	No language characteristics

Feature Conten	1

(603-6091067)

F000	Every Un	it Items
F001	Single D	rive Dual Density Flexible Disk
F002	Double D	rive, Dual Density Flexible Disk
F011	220V, 50	Hz
F012	230V, 50	Hz
F013	120V, 60	Hz (includes range 100-127V, 60Hz)
		C-7646 Kits
7646-K002	2	Single to Double Drive Upgrade Kit
(603-609	1069)	
7646-K00	3	Dual to Quad Density Upgrade Kit
(603-609	1070)	The first of the second of the
7646-K00	5	Drive 0-1 to Drive 2-3 Interconnection Kit
7646-K092	2 .	7644 Freestanding Flex Disk

Interconnection Cable